

APPENDIX A

Definitions of Application Programming Interface (API) from Google

A set of routines that an application uses to request and carry out lower-level services performed by a computer's operating system. Also, a set of calling conventions in programming that define how a service is invoked through the application.

iishelp.web.cern.ch/IISSHelp/iis/htm/core/iigloss.htm

A set of routines that an application program uses to request and carry out lower-level services performed by the operating system.

www.macsounduk.com/pc_glossary.html

A set of callable routines that a programmer uses to interact with an application.

www.opengroup.org/dce/info/papers/dce-glossary.htm

A set of routines that an application uses to request and carry out lower-level services performed by a computer's operating system. These routines usually carry out maintenance tasks such as managing files and displaying information.

www.microsoft.com/technet/prodtechnol/windows2000serv/reskit/intnet/wk/intgloss.asp

A set of routines, protocols, and tools for building software applications. A good API makes it easier to develop a program by providing all the building blocks. A programmer puts the blocks together. Although APIs are designed for programmers, they are ultimately good for users because they guarantee that all programs using a common API will have similar interfaces. This makes it easier for users to learn new programs. An example API in the Java programming language is JavaMail. See Also Java.

manual.evolutionhosting.com/evochunk/go02.html

A set of functions that can be called from an application program to access features of another program.

www.treasury.pncbank.com/ecommerce/glossary.html

A set of routines that an application program uses to request and process lower-level services that the operating system performs. An API defines how an application appears to a user, how to request and obtain input, and how the output is displayed. GigaRing

crinform.cray.com/crinform/ttd/glossio/mod4.htm

(API). A set of procedure and function specifications providing access to the capabilities of a reusable software component, such as a "windowing" or network communication operating subsystem.

www.nap.edu/books/0309055970/html/88.html

a collection of specialized commands created to extend the capabilities of an existing programming or scripting language

essw.bren.ucsb.edu/Documentation/Glossary.htm

A set of software commands that can be used by an application program to communicate with the operating system or other system programs such as a database management system.

www.auriga-europe.co.uk/qlos/qlositem.cfm

A well-defined and documented (with respect to interface and behavior) set of computer program modules allowing applications to access some shareable

resource or commonly needed function.
www.posc.org/Epicentre.2.2/Misc/glossary.html

Definitions of Metadata from Google

Metadata is a description or definition of electronic data, or data about data. Often, metadata can only be accessed in certain viewing modes. Metadata can include descriptive HTML tags (see Meta Tag) and information about when a document was created, and what changes have been made on that document.

practice.findlaw.com/glossary.html

Broadly, data about data, or information about information. In practice, metadata comprises a structured set of descriptive elements to describe an information resource or, more generally, any definable entity.

www.ktweb.org/rgloss.cfm

Data about data. Includes information describing aspects of actual data items, such as name, format, content, and the control of or over data.

dli.grainger.uiuc.edu/glossary.htm

This is simply "data about data". Metadata is the information about a data source, for example, a book contains information, but there is also information about that book such as the author and publisher - this is the metadata.

www.bath.ac.uk/e-learning/glossary.htm

Metadata is data about data. Metadata is commonly used to identify information that describes a Web asset, most typically an HTML file. Metadata that describes an HTML file might include the name of the author, the language the file is written in, the source of the file, the keywords that describe the file, and the audience the content is targeted for.

www.upstreamcio.com/glossary.asp

Data that provides information about, or documentation of, other data managed within an application or environment. Metadata is also machine understandable information for the web. Reference: World Wide Web Consortium (W3C)

www.ams.org/metadata/glossary.html

Metadata is a component of data which describes the data. It is "data about data." Metadata describes the content, quality, condition, and other characteristics of data. Without proper documentation a data set is incomplete.

sparc.ecology.uga.edu/webdocs/1/glossary.htm

Data about data.

www.wmo.ch/web/www/WDM/Guides/Internet-glossary.html

Data about the data, that is, the description of the data resources, its characteristics, location, usage, and so on. Metadata is used to identify, describe, and define user data.

www.epa.gov/records/gloss/gloss05.htm

Information about a file, such as permissions, in contrast to the actual data in the file.

www.kernelnewbies.org/glossary/

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data about data; "a library catalog is metadata because it describes
publications"

www.cogsci.princeton.edu/cgi-bin/webwn